

A G E N D A



LOWER TRUCKEE RIVER BIOASSESSMENT SYMPOSIUM

JANUARY 5 & 6, 2009

Desert Research Institute, Stout Conference Room

2215 Raggio Parkway

Parking/Shuttle Service provided at TMCC (see attached map)

Reno, Nevada

Monday, January 5th

- 8:00 - 8:30** Registration: Coffee & Tea
- 8:30 - 8:40** Welcome & Symposium Objectives - *Karen Vargas, Bioassessment Coordinator Nevada Division of Environmental Protection, Bureau of Water Quality Planning*
- 8:40 - 9:00** Status of the Nevada Division of Environmental Protection's Water Quality and Monitoring Program on the Lower Truckee River - *Kathy Sertic, Bureau Chief, Nevada Division of Environmental Protection, Bureau of Water Quality Planning*
- 9:00 - 9:30** Status of the Pyramid Lake Paiute Tribe's Water Quality and Monitoring Program on the Lower Truckee River - *Dan Mosley, Biologist, Pyramid Lake Paiute Tribe, Environmental Department*
- 9:30 - 10:15** Benthic Macroinvertebrates Index Development and Physical Habitat Evaluation for the Truckee River, Carson River and Walker River - *Erik Leppo, Environmental Scientist, Tetra Tech, Inc.*
- 10:15 - 10:30** Break
- 10:30 - 11:00** Periphyton Dynamics and Environmental Associations: Truckee River, CA-NV, *Clinton Davis, Biologist, Desert Research Institute, Division of Earth and Ecosystem Sciences*
- 11:00 - 12:00** Modeling the Reference Condition for Use in Bioassessments: Environmental Heterogeneity, Niche Models and the O/E Index - *Charles Hawkins, Professor, Utah State University, Department of Watershed Sciences; Director, Western Center for Monitoring and Assessment of Freshwater Ecosystems*
- 12:00 - 1:00** **Lunch in House: Lunch (Taco Bar) will be provided for \$10.00 per person: payable at registration on Jan 5th - cash only please or you are welcome to bring a sack lunch**
- 1:00 - 1:30** Lower Truckee River Fish Populations - *Matt Maples, Biologist, Nevada Department of Wildlife, Fisheries Division*
- 1:30 - 2:00** Fish Passage Activities on the Lower Truckee River - *David Potter, Biologist, U.S. Fish and Wildlife Service*
- 2:00 - 2:30** Assessing Organic Compound Concentrations and Relative Toxicity in the Truckee River and Tributaries using Passive Samplers - *Timothy Rowe and Michael Rosen, Hydrologists, U. S. Geological Society, Nevada Water Science Center*

2:30 - 2:45 Break

2:45 - 3:15 Overview of the Truckee Meadows Water Reclamation Facility and Truckee River Monitoring - *Randal Gray, Plant Manager, Truckee Meadows Water Reclamation Facility*

3:15 - 3:45 Managing Flows for Fremont Cottonwood (*Populus fremontii*) Recruitment on the Truckee River - *Lea Condon, Plant Ecologist, Otis Bay Ecological Consultants*

3:45 - 4:15 Riparian Functionality - A Framework for Water Quality Remediation - *Sherman Swanson, Professor, University of Nevada - Reno, Department of Natural Sources and Environmental Science*

4:15 - 4:30 Open Forum - Questions and Adjournment, Karen Vargas, Nevada Division of Environmental Protection, Bureau of Water Quality Planning

Tuesday, January 6th

8:00 - 8:30 Registration: Coffee & Tea

8:30 - 9:15 Status of the Lower Truckee River Ecosystem Restoration - *Danielle Henderson, Natural Resource Manager, Truckee River Flood Project and Mickey Hazelwood, Truckee River Project Director, The Nature Conservancy*

9:15 - 4:30 *Workshop: Introduction of U.S. Environmental Protection Agency's Stressor Identification Guidance and CADDIS (Causal Analysis Diagnosis Decision Support System) - *Richard Ziegler, Lester Yuan, Amina Pollard, Kate Schofield and Laurie Alexander, U.S. Environmental Protection Agency, National Center for Environmental Assessment, Office of Research and Development*

Lunch in House: Lunch will be provided for \$8.00 - \$10.00 per person for the workshop: payable at registration on Jan 5th or 6th - cash only please or you are welcome to bring a sack lunch.

*** CADDIS Workshop**

The U.S. EPA Office of Research and Development will host a one-day workshop to introduce biologists, managers, and those involved in aquatic assessment and/or the TMDL process to U.S. EPA's Stressor Identification (SI) guidance and CADDIS (Causal Analysis Diagnosis Decision Support System), an on-line tool designed to support the SI methodology, www.epa.gov/caddis. U.S. EPA's SI guidance document and CADDIS provide a formal method for identifying causes of impairments in aquatic systems and help scientists and engineers in the Regions, States and Tribes find, access, organize, use and share information to conduct causal evaluations.

Before restoration efforts can be effectively planned and/or before the TMDL process can be used to formulate appropriate management action, causes of biological impairment must be accurately determined. Defensible causal analyses require knowledge of, for example, mechanisms, symptoms, and stressor-response relationships for specific stressors and the ability to use that knowledge to draw appropriate conclusions. The workshop will include a combination of presentations and interactive exercises.

PARKING IS NOT AVAILABLE AT DRI DUE TO CONSTRUCTION. Please park at the TMCC Parking lot (map attached) and we will provide a shuttle to DRI each morning and afternoon - or the TMCC parking lot is within walking distance to DRI.

The Lower Truckee River Bioassessment Symposium is sponsored by the
U.S. Environmental Protection Agency,
the Nevada Division of Environmental Protection and
the Desert Research Institute.

There is no charge for attending the symposium